

Miracle Sanchez

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EDUCATION

St. John's University | Queens, NY

Master of Science in Computer Science

Expected Graduation: May 2026

Bachelor of Science in Computer Science

Completed: May 2024

Relevant Coursework: Data Structures, System Design Methods, Database Management Systems, Software Engineering, Web Application Development

SKILLS

Technical Languages: Java, SQL, JavaScript, HTML/CSS

Spoken Languages: English (Fluent) Spanish (Fluent)

Technologies: Git, JIRA/Agile

RELATED COURSEWORK & EXPERIENCE

CUS1172, Web Application Development

[Project Link](#)

Final Project - Back-end Web Application

Fall 2023

- Designed, implemented, and deployed a back-end video sharing web application.
- Rendered HTML using PUG templates and used JavaScript and Express library for page functionality.
- User information and uploaded videos are stored in their respective “databases” using the local filesystem and accessed using Rest API endpoints.

CUS1166, Software Engineering

[Project Link](#)

Final Project – Vehicular Cloud Real Time System

Fall 2023

- Worked with team members as Project Manager to design and implement a virtual parking garage.
- Data collected using Java Swing GUI and stored using MySQL
- Users register/sign in and then either submit a job or register their vehicle to be used for computational purposes.

Broadridge Financial Solutions

New York, NY

ICS- Technology Intern

June 2023 – August 2023

- Collaborated with a team of developers using Agile Methodologies to understand code and functions to resolve tickets during each sprint.
- Implemented new features for outgoing client products within AWS Lambda, Dynamo DB and S3.
- Worked with Checkmarx to inspect flagged code to verify if it was malicious and act accordingly.

St. John's University Sports Medicine Department

Queens, NY

Student Worker

September 2021 - Present

- Ensured that all 20 benches were cleaned, and recovery stations were plugged in and ready for the next athlete.
- Maintained fueling station full and kept inventory of snacks as well as bandages, creams, tapes, and heating pads to help the athletic trainers keep track of what was needed.
- Prepared the fields for games by bringing out refreshments, protein snacks and medical equipment.

INDEPENDENT PROJECTS

Portfolio

[Miracle Sanchez](#)

- Utilized HTML/CSS, JavaScript, and React JS to create a web portfolio showcasing my skills and projects.